

Fact Sheet



For Draft/Proposed Significant Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on July 10, 2006.

Permit Number: **R30-03300011-2006**
Application Received: **September 16, 2010**
Plant Identification Number: **03-54-03300011**
Permittee: **Dominion Transmission, Inc**
Facility Name: **Wilsonburg Compressor Station**
Mailing Address: **445 West Main Street, Clarksburg, WV 26301**

Permit Action Number: *SM01* Revised: *Draft/Proposed*

Physical Location:	Wilsonburg, Harrison County, West Virginia
UTM Coordinates:	549.9 km Easting • 4348.7 km Northing • Zone 17
Directions:	From the intersection of Rt 50 and SR 98 near Clarksburg, go west on Rt 50 for 1.3 miles to intersection. Turn right onto Paleo Road and travel 100 feet to gravel road on the right. Go through the gate and follow gravel road to the station.

Facility Description

Wilsonburg Compressor Station is a natural gas facility covered by Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of a total of three (3) natural gas fired reciprocating engines - 350, 360 & 800-hp, one (1) 0.75 MMBtu/hr dehydration unit with flare, and seven (7) storage tanks of various sizes.

The purpose of the Significant Modification (SM01) is to add requirements from Permit R13-2856 which is for the installation of two (2), 192.5 HP (1.67 MM Btu/hr) natural gas-fired engine driven emergency generators.

Emissions Summary

The emission rate changes associated with this modification (SM01) are as follows:

Potential Emission Increase (TPY)t					
NOx	CO	VOC	PM	SO2	HAPs
0.02	0.20	0.10	0.01	0.01	0.02

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit over 100 tons per year of criteria pollutants. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc' s Wilsonburg Compressor Station is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:

45CSR13

Permits For Construction, Modification, Relocation And Operation Of Stationary Sources Of Air Pollutants, Notification Requirements, Administrative Updates, Temporary Permits, General Permits, And Procedures For Evaluation

45CSR30

Requirements For Operating Permits

45CSR16

Standards of Performance for New Stationary Sources Pursuant to 40 CFR Part 60

40 C.F.R. 60, Subpart JJJ

Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2856	January 31, 2011	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

Determinations and Justifications

- The conditions contained in Permit R13-2856 make up the Title V modification.

This permit incorporates the applicable requirements contained in 40 CFR 60 Subpart JJJJ which establishes emission standards, operation and maintenance requirements, as well as recordkeeping, reporting and testing requirements associated with the spark ignition internal combustion engines. The R13 permit also limits the engines' hours of operation to 500 hours.

- **40 CFR 63 Subpart ZZZZ** - *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*

Each engine is defined as an emergency stationary Reciprocating Internal Combustion Engine (RICE) less than 500 brake HP. As pursuant to 40 CFR §63.6590(c), each engine must meet the requirements of Subpart ZZZZ (federally enforceable only) by meeting the requirements of 40 CFR Part 60 Subpart JJJJ. No further requirements apply for the engines under 40 CFR Part 63 Subpart ZZZZ.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

R13-2856 §§4.4.2., 4.4.3. & 4.1.9.	These three "boilerplate" conditions are related to air pollution control devices listed in the Section 1.0 of the R13 permit. Since no control devices are listed in Section 1.0, these requirements are not applicable.
40 CFR Part 64	The maximum potential emissions from each of the engines are below the major threshold trigger levels and therefore do not trigger CAM applicability.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date:	January 28, 2011
Ending Date:	February 28, 2011

All written comments should be addressed to the following individual and office:

Frederick Tipane
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Frederick Tipane
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1215 • Fax: 304/926-0478

Response to Comments (Statement of Basis)

Not applicable.